

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
14 July 2005 (14.07.2005)

PCT

(10) International Publication Number
WO 2005/062718 A2

- (51) International Patent Classification: Not classified (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (21) International Application Number: PCT/IL2004/001185
- (22) International Filing Date: 30 December 2004 (30.12.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/533,639 30 December 2003 (30.12.2003) US
- (71) Applicant (for all designated States except US): SYN-DROME X LTD. [IL/IL]; The Hebrew University of Jerusalem, Hi Tech Park, The Edmond J Safra Campus, Givat Ram, 91390 Jerusalem (IL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): BAR-TANA, Jacob [IL/IL]; 2 Tiltan St, 96926 Jerusalem (IL). BEKERSKY, Ihor [US/US]; 675 Ridgewood Drive, Antioch, IL 60002-3116 (US).
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/062718 A2

(54) Title: METHODS OF ADMINISTERING 3,3,14,14 TETRAMETHYL HEXADECANE 1,16 DIOIC ACID

(57) Abstract: The present invention provides methods for lowering LDL, VLDL, total cholesterol, triglycerides, Insulin resistance and hypertension, and methods for elevating HDL in subjects in need thereof. Additionally, the present invention provides methods of administering 3,3,14,14 tetramethyl hexadecane 1,16 dioic acid for the above indications.